

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041324\
 Data File : BN030906.D
 Acq On : 14 Apr 2024 08:27
 Operator : MA/JU
 Sample : PB160206BS
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS206

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/16/2024
 Supervised By :mohammad ahmed 04/17/2024

Quant Time: Apr 14 23:24:15 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032824.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Apr 14 22:12:55 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.664	152	184999	20.000	ng/u1	0.00
20) Naphthalene-d8	10.446	136	817983	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.310	164	534514	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.057	188	1139360	20.000	ng/u1	0.00
79) Chrysene-d12	21.298	240	1163002	20.000	ng/u1	0.00
88) Perylene-d12	24.210	264	1240031	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.176	96	37802	9.580	ng/uL	0.00
4) Pyridine-d5	3.581	84	461775	39.032	ng/u1	0.00
7) Phenol-d5	6.840	99	603045	40.296	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.005	67	348557	37.709	ng/u1	0.00
11) 2-Chlorophenol-d4	7.199	132	486047	42.813	ng/u1	0.00
15) 4-Methylphenol-d8	8.375	113	487141	38.839	ng/u1	0.00
21) Nitrobenzene-d5	8.822	128	243348	42.886	ng/u1	0.00
24) 2-Nitrophenol-d4	9.534	143	254928	49.110	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.069	165	487036	42.857	ng/u1	0.00
31) 4-Chloroaniline-d4	10.587	131	759109	40.575	ng/u1	0.00
46) Dimethylphthalate-d6	13.728	166	1401640	39.276	ng/u1	0.00
49) Acenaphthylene-d8	13.999	160	1677845	40.891	ng/u1	0.00
54) 4-Nitrophenol-d4	14.522	143	298166	43.679	ng/u1	0.00
60) Fluorene-d10	15.304	176	1249621	40.015	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.428	200	210902	41.937	ng/u1	0.00
73) Anthracene-d10	17.157	188	1968346	40.096	ng/u1	0.00
81) Pyrene-d10	19.457	212	2438114	38.993	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.016	264	2420064	42.355	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.211	88	53405	12.635	ng/uL	96
5) Pyridine	3.599	79	455954	38.195	ng/u1	98
6) Benzaldehyde	6.817	77	319685	45.870	ng/u1	96
8) Phenol	6.864	94	614913	39.442	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.099	93	462640	36.390	ng/u1	99
12) 2-Chlorophenol	7.228	128	493252	40.501	ng/u1	96
13) 2-Methylphenol	8.105	108	451737	37.602	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.187	45	607794	33.952	ng/u1	98
16) Acetophenone	8.487	105	710035	35.855	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.475	70	346758	34.766	ng/u1	97
18) 4-Methylphenol	8.434	108	508851	37.836	ng/u1	99
19) Hexachloroethane	8.734	117	189777	37.168	ng/u1	99
22) Nitrobenzene	8.864	77	530648	38.309	ng/u1	99
23) Isophorone	9.387	82	1006419	36.432	ng/u1	99
25) 2-Nitrophenol	9.569	139	269899	44.241	ng/u1	98
26) 2,4-Dimethylphenol	9.628	107	464952	34.290	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.869	93	634510	36.126	ng/u1	98
29) 2,4-Dichlorophenol	10.099	162	472660	40.748	ng/u1	99
30) Naphthalene	10.493	128	1572307	37.478	ng/u1	99
32) 4-Chloroaniline	10.610	127	670902	37.209	ng/u1	99
33) Hexachlorobutadiene	10.775	225	268777	36.813	ng/u1	99
34) Caprolactam	11.399	113	163042m	37.625	ng/u1	
35) 4-Chloro-3-methylphenol	11.740	107	512854	39.255	ng/u1	100
36) 2-Methylnaphthalene	12.116	142	1094906	37.371	ng/u1	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.334	142	1112725	37.413	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.481	216	559869	40.587	ng/ul	98
40) Hexachlorocyclopentadiene	12.457	237	214257	27.351	ng/ul	96
41) 2,4,6-Trichlorophenol	12.728	196	367091	42.587	ng/ul	98
42) 2,4,5-Trichlorophenol	12.799	196	416778	42.813	ng/ul	99
43) 1,1'-Biphenyl	13.140	154	1396207	38.323	ng/ul	99
44) 2-Chloronaphthalene	13.175	162	1114901	38.874	ng/ul	99
45) 2-Nitroaniline	13.393	65	326441	42.770	ng/ul	98
47) Dimethylphthalate	13.775	163	1367528	37.096	ng/ul	99
48) 2,6-Dinitrotoluene	13.893	165	283067	41.415	ng/ul	95
50) Acenaphthylene	14.028	152	1814580	38.275	ng/ul	100
51) 3-Nitroaniline	14.222	138	330744	45.590	ng/ul	99
52) Acenaphthene	14.375	153	1168126	36.974	ng/ul	97
53) 2,4-Dinitrophenol	14.428	184	119638	38.110	ng/ul	99
55) 4-Nitrophenol	14.534	109	222899	41.215	ng/ul	98
56) Dibenzofuran	14.710	168	1692769	38.545	ng/ul	100
57) 2,4-Dinitrotoluene	14.681	165	429827	43.074	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.934	232	340847	42.159	ng/ul	98
59) Diethylphthalate	15.146	149	1396481	37.288	ng/ul	99
61) Fluorene	15.363	166	1316283	37.708	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.357	204	617715	36.069	ng/ul	96
63) 4-Nitroaniline	15.393	138	361509	51.257	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.445	198	220462	40.798	ng/ul	95
67) N-Nitrosodiphenylamine	15.575	169	1196823	38.571	ng/ul	98
68) 4-Bromophenyl-phenylether	16.251	248	398563	36.839	ng/ul	97
69) Hexachlorobenzene	16.357	284	466290	36.601	ng/ul	93
70) Atrazine	16.534	200	409895	38.113	ng/ul	97
71) Pentachlorophenol	16.704	266	310276	41.307	ng/ul	93
72) Phenanthrene	17.098	178	2239891	38.264	ng/ul	99
74) Anthracene	17.192	178	2282760	38.576	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.099	216	550316	39.315	ng/ul	98
76) Pentachlorobenzene	14.622	250	527814	37.124	ng/ul	95
77) Carbazole	17.469	167	2191060	42.220	ng/ul	99
78) Di-n-butylphthalate	18.034	149	2534621	40.036	ng/ul	100
80) Fluoranthene	19.122	202	2744093	36.918	ng/ul	97
82) Pyrene	19.486	202	2912443	37.101	ng/ul	99
83) Butylbenzylphthalate	20.398	149	1237935	41.294	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.210	252	882684	41.305	ng/ul	95
85) Benzo(a)anthracene	21.280	228	2953675	38.055	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.204	149	1704994	38.566	ng/ul	99
87) Chrysene	21.339	228	2800130	38.222	ng/ul	99
89) Di-n-octyl phthalate	22.316	149	3140170	39.988	ng/ul	100
90) Benzo(b)fluoranthene	23.292	252	2918659	39.994	ng/ul	97
91) Benzo(k)fluoranthene	23.351	252	2913430	39.310	ng/ul	99
93) Benzo(a)pyrene	24.080	252	2466960	35.785	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.492	276	2960022	39.721	ng/ul	99
95) Dibenzo(a,h)anthracene	27.557	278	2439212	38.881	ng/ul	98
96) Benzo(g,h,i)perylene	28.515	276	2239746	38.284	ng/ul	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

